

Release notes for ENDF/B Development n-039_Y_090
evaluation

ENDF
B-VII.dev

April 26, 2017

- checkr Warnings:

1. A previous error halted parsing of the current section
MAT=3928, MF= 1, MT=451 (1): Parsing stopped

```
ERROR(S) FOUND IN MAT=3928, MF= 1, MT=451
SECTION CANNOT BE CHECKED FROM SEQUENCE NUMBER      229 TO      426
```

- checkr Errors:

1. A variable is outside the allowed ENDF range
MAT=3928, MF= 1, MT=451 (0): Variable range

```
ERROR(S) FOUND IN MAT=3928, MF= 1, MT=451
MOD =      1 OUT OF RANGE      0 -      0      RECORD NUMBER      229
```

2. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 2, MT=151 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=3928, MF= 2, MT=151
SECTION 2/151 NOT IN DIRECTORY      RECORD NUMBER      428
```

3. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT= 1 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=3928, MF= 3, MT= 1
SECTION 3/ 1 NOT IN DIRECTORY      RECORD NUMBER      629
```

4. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT= 2 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=3928, MF= 3, MT= 2
SECTION 3/ 2 NOT IN DIRECTORY      RECORD NUMBER      644
```

5. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT= 16 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=3928, MF= 3, MT= 16
SECTION 3/ 16 NOT IN DIRECTORY      RECORD NUMBER      672
```

6. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT= 17 (0): Directory (b)

```
ERROR(S) FOUND IN MAT=3928, MF= 3, MT= 17
SECTION 3/ 17 NOT IN DIRECTORY      RECORD NUMBER      681
```

7. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT= 22 (0): Directory (b)

ERROR(S) FOUND IN MAT=3928, MF= 3, MT= 22
SECTION 3/ 22 NOT IN DIRECTORY RECORD NUMBER 686

8. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT= 24 (0): Directory (b)

ERROR(S) FOUND IN MAT=3928, MF= 3, MT= 24
SECTION 3/ 24 NOT IN DIRECTORY RECORD NUMBER 694

9. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT= 28 (0): Directory (b)

ERROR(S) FOUND IN MAT=3928, MF= 3, MT= 28
SECTION 3/ 28 NOT IN DIRECTORY RECORD NUMBER 700

10. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT= 41 (0): Directory (b)

ERROR(S) FOUND IN MAT=3928, MF= 3, MT= 41
SECTION 3/ 41 NOT IN DIRECTORY RECORD NUMBER 709

11. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT= 51 (0): Directory (b)

ERROR(S) FOUND IN MAT=3928, MF= 3, MT= 51
SECTION 3/ 51 NOT IN DIRECTORY RECORD NUMBER 716

12. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT= 52 (0): Directory (b)

ERROR(S) FOUND IN MAT=3928, MF= 3, MT= 52
SECTION 3/ 52 NOT IN DIRECTORY RECORD NUMBER 737

13. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT= 53 (0): Directory (b)

ERROR(S) FOUND IN MAT=3928, MF= 3, MT= 53
SECTION 3/ 53 NOT IN DIRECTORY RECORD NUMBER 759

14. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT= 54 (0): Directory (b)

ERROR(S) FOUND IN MAT=3928, MF= 3, MT= 54
SECTION 3/ 54 NOT IN DIRECTORY RECORD NUMBER 779

15. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT= 55 (0): Directory (b)

- | | |
|---|-------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT= 55 | |
| SECTION 3/ 55 NOT IN DIRECTORY | RECORD NUMBER 802 |
16. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT= 56 (0): Directory (b)
- | | |
|---|-------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT= 56 | |
| SECTION 3/ 56 NOT IN DIRECTORY | RECORD NUMBER 823 |
17. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT= 57 (0): Directory (b)
- | | |
|---|-------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT= 57 | |
| SECTION 3/ 57 NOT IN DIRECTORY | RECORD NUMBER 841 |
18. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT= 58 (0): Directory (b)
- | | |
|---|-------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT= 58 | |
| SECTION 3/ 58 NOT IN DIRECTORY | RECORD NUMBER 858 |
19. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT= 59 (0): Directory (b)
- | | |
|---|-------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT= 59 | |
| SECTION 3/ 59 NOT IN DIRECTORY | RECORD NUMBER 875 |
20. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT= 91 (0): Directory (b)
- | | |
|---|-------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT= 91 | |
| SECTION 3/ 91 NOT IN DIRECTORY | RECORD NUMBER 893 |
21. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=102 (0): Directory (b)
- | | |
|---|-------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT=102 | |
| SECTION 3/102 NOT IN DIRECTORY | RECORD NUMBER 910 |
22. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=600 (0): Directory (b)
- | | |
|---|-------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT=600 | |
| SECTION 3/600 NOT IN DIRECTORY | RECORD NUMBER 935 |
23. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=601 (0): Directory (b)

- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=3928, MF= 3, MT=601 | | |
| | SECTION 3/601 NOT IN DIRECTORY | RECORD NUMBER | 955 |
24. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=602 (0): Directory (b)
- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=3928, MF= 3, MT=602 | | |
| | SECTION 3/602 NOT IN DIRECTORY | RECORD NUMBER | 969 |
25. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=603 (0): Directory (b)
- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=3928, MF= 3, MT=603 | | |
| | SECTION 3/603 NOT IN DIRECTORY | RECORD NUMBER | 981 |
26. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=604 (0): Directory (b)
- | | | | |
|--|---|---------------|-----|
| | ERROR(S) FOUND IN MAT=3928, MF= 3, MT=604 | | |
| | SECTION 3/604 NOT IN DIRECTORY | RECORD NUMBER | 992 |
27. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=605 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=3928, MF= 3, MT=605 | | |
| | SECTION 3/605 NOT IN DIRECTORY | RECORD NUMBER | 1003 |
28. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=606 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=3928, MF= 3, MT=606 | | |
| | SECTION 3/606 NOT IN DIRECTORY | RECORD NUMBER | 1014 |
29. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=607 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=3928, MF= 3, MT=607 | | |
| | SECTION 3/607 NOT IN DIRECTORY | RECORD NUMBER | 1025 |
30. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=608 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=3928, MF= 3, MT=608 | | |
| | SECTION 3/608 NOT IN DIRECTORY | RECORD NUMBER | 1035 |
31. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=609 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT=609 | RECORD NUMBER | 1046 |
| SECTION 3/609 NOT IN DIRECTORY | | |
32. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=610 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT=610 | RECORD NUMBER | 1057 |
| SECTION 3/610 NOT IN DIRECTORY | | |
33. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=611 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT=611 | RECORD NUMBER | 1067 |
| SECTION 3/611 NOT IN DIRECTORY | | |
34. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=612 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT=612 | RECORD NUMBER | 1077 |
| SECTION 3/612 NOT IN DIRECTORY | | |
35. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=613 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT=613 | RECORD NUMBER | 1087 |
| SECTION 3/613 NOT IN DIRECTORY | | |
36. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=614 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT=614 | RECORD NUMBER | 1097 |
| SECTION 3/614 NOT IN DIRECTORY | | |
37. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=615 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT=615 | RECORD NUMBER | 1107 |
| SECTION 3/615 NOT IN DIRECTORY | | |
38. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=616 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT=616 | RECORD NUMBER | 1117 |
| SECTION 3/616 NOT IN DIRECTORY | | |
39. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=649 (0): Directory (b)

- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT=649 | |
| SECTION 3/649 NOT IN DIRECTORY | RECORD NUMBER 1127 |
40. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=800 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT=800 | |
| SECTION 3/800 NOT IN DIRECTORY | RECORD NUMBER 1137 |
41. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=801 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT=801 | |
| SECTION 3/801 NOT IN DIRECTORY | RECORD NUMBER 1165 |
42. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=802 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT=802 | |
| SECTION 3/802 NOT IN DIRECTORY | RECORD NUMBER 1191 |
43. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=803 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT=803 | |
| SECTION 3/803 NOT IN DIRECTORY | RECORD NUMBER 1217 |
44. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=804 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT=804 | |
| SECTION 3/804 NOT IN DIRECTORY | RECORD NUMBER 1237 |
45. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=805 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT=805 | |
| SECTION 3/805 NOT IN DIRECTORY | RECORD NUMBER 1257 |
46. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=806 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT=806 | |
| SECTION 3/806 NOT IN DIRECTORY | RECORD NUMBER 1277 |
47. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=807 (0): Directory (b)

- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=3928, MF= 3, MT=807 | |
| | SECTION 3/807 NOT IN DIRECTORY | RECORD NUMBER 1296 |
48. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=808 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=3928, MF= 3, MT=808 | |
| | SECTION 3/808 NOT IN DIRECTORY | RECORD NUMBER 1315 |
49. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=809 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=3928, MF= 3, MT=809 | |
| | SECTION 3/809 NOT IN DIRECTORY | RECORD NUMBER 1332 |
50. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=810 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=3928, MF= 3, MT=810 | |
| | SECTION 3/810 NOT IN DIRECTORY | RECORD NUMBER 1348 |
51. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=811 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=3928, MF= 3, MT=811 | |
| | SECTION 3/811 NOT IN DIRECTORY | RECORD NUMBER 1364 |
52. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=812 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=3928, MF= 3, MT=812 | |
| | SECTION 3/812 NOT IN DIRECTORY | RECORD NUMBER 1380 |
53. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=813 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=3928, MF= 3, MT=813 | |
| | SECTION 3/813 NOT IN DIRECTORY | RECORD NUMBER 1393 |
54. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=814 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=3928, MF= 3, MT=814 | |
| | SECTION 3/814 NOT IN DIRECTORY | RECORD NUMBER 1406 |
55. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=815 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT=815 | RECORD NUMBER | 1419 |
| SECTION 3/815 NOT IN DIRECTORY | | |
56. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=816 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT=816 | RECORD NUMBER | 1432 |
| SECTION 3/816 NOT IN DIRECTORY | | |
57. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=817 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT=817 | RECORD NUMBER | 1445 |
| SECTION 3/817 NOT IN DIRECTORY | | |
58. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 3, MT=849 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 3, MT=849 | RECORD NUMBER | 1458 |
| SECTION 3/849 NOT IN DIRECTORY | | |
59. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT= 2 (0): Directory (b)
- | | | |
|--|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT= 2 | RECORD NUMBER | 1471 |
| SECTION 4/ 2 NOT IN DIRECTORY | | |
60. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT= 51 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT= 51 | RECORD NUMBER | 1668 |
| SECTION 4/ 51 NOT IN DIRECTORY | | |
61. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT= 52 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT= 52 | RECORD NUMBER | 1833 |
| SECTION 4/ 52 NOT IN DIRECTORY | | |
62. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT= 53 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT= 53 | RECORD NUMBER | 1970 |
| SECTION 4/ 53 NOT IN DIRECTORY | | |
63. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT= 54 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT= 54 | RECORD NUMBER | 2130 |
| SECTION 4/ 54 NOT IN DIRECTORY | | |
64. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT= 55 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT= 55 | RECORD NUMBER | 2261 |
| SECTION 4/ 55 NOT IN DIRECTORY | | |
65. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT= 56 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT= 56 | RECORD NUMBER | 2380 |
| SECTION 4/ 56 NOT IN DIRECTORY | | |
66. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT= 57 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT= 57 | RECORD NUMBER | 2475 |
| SECTION 4/ 57 NOT IN DIRECTORY | | |
67. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT= 58 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT= 58 | RECORD NUMBER | 2570 |
| SECTION 4/ 58 NOT IN DIRECTORY | | |
68. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT= 59 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT= 59 | RECORD NUMBER | 2663 |
| SECTION 4/ 59 NOT IN DIRECTORY | | |
69. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=600 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT=600 | RECORD NUMBER | 2756 |
| SECTION 4/600 NOT IN DIRECTORY | | |
70. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=601 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT=601 | RECORD NUMBER | 2855 |
| SECTION 4/601 NOT IN DIRECTORY | | |
71. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=602 (0): Directory (b)

- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT=602 | |
| SECTION 4/602 NOT IN DIRECTORY | RECORD NUMBER 2952 |
72. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=603 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT=603 | |
| SECTION 4/603 NOT IN DIRECTORY | RECORD NUMBER 3045 |
73. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=604 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT=604 | |
| SECTION 4/604 NOT IN DIRECTORY | RECORD NUMBER 3128 |
74. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=605 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT=605 | |
| SECTION 4/605 NOT IN DIRECTORY | RECORD NUMBER 3197 |
75. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=606 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT=606 | |
| SECTION 4/606 NOT IN DIRECTORY | RECORD NUMBER 3252 |
76. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=607 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT=607 | |
| SECTION 4/607 NOT IN DIRECTORY | RECORD NUMBER 3307 |
77. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=608 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT=608 | |
| SECTION 4/608 NOT IN DIRECTORY | RECORD NUMBER 3362 |
78. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=609 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT=609 | |
| SECTION 4/609 NOT IN DIRECTORY | RECORD NUMBER 3417 |
79. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=610 (0): Directory (b)

- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT=610 | RECORD NUMBER | 3472 |
| SECTION 4/610 NOT IN DIRECTORY | | |
80. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=611 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT=611 | RECORD NUMBER | 3521 |
| SECTION 4/611 NOT IN DIRECTORY | | |
81. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=612 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT=612 | RECORD NUMBER | 3570 |
| SECTION 4/612 NOT IN DIRECTORY | | |
82. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=613 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT=613 | RECORD NUMBER | 3617 |
| SECTION 4/613 NOT IN DIRECTORY | | |
83. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=614 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT=614 | RECORD NUMBER | 3664 |
| SECTION 4/614 NOT IN DIRECTORY | | |
84. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=615 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT=615 | RECORD NUMBER | 3711 |
| SECTION 4/615 NOT IN DIRECTORY | | |
85. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=616 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT=616 | RECORD NUMBER | 3756 |
| SECTION 4/616 NOT IN DIRECTORY | | |
86. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=800 (0): Directory (b)
- | | | |
|---|---------------|------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT=800 | RECORD NUMBER | 3801 |
| SECTION 4/800 NOT IN DIRECTORY | | |
87. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=801 (0): Directory (b)

- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT=801 | |
| SECTION 4/801 NOT IN DIRECTORY | RECORD NUMBER 3950 |
88. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=802 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT=802 | |
| SECTION 4/802 NOT IN DIRECTORY | RECORD NUMBER 4099 |
89. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=803 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT=803 | |
| SECTION 4/803 NOT IN DIRECTORY | RECORD NUMBER 4248 |
90. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=804 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT=804 | |
| SECTION 4/804 NOT IN DIRECTORY | RECORD NUMBER 4397 |
91. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=805 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT=805 | |
| SECTION 4/805 NOT IN DIRECTORY | RECORD NUMBER 4546 |
92. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=806 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT=806 | |
| SECTION 4/806 NOT IN DIRECTORY | RECORD NUMBER 4695 |
93. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=807 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT=807 | |
| SECTION 4/807 NOT IN DIRECTORY | RECORD NUMBER 4844 |
94. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=808 (0): Directory (b)
- | | |
|---|--------------------|
| ERROR(S) FOUND IN MAT=3928, MF= 4, MT=808 | |
| SECTION 4/808 NOT IN DIRECTORY | RECORD NUMBER 4993 |
95. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=809 (0): Directory (b)

- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=3928, MF= 4, MT=809 | |
| | SECTION 4/809 NOT IN DIRECTORY | RECORD NUMBER 5142 |
96. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=810 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=3928, MF= 4, MT=810 | |
| | SECTION 4/810 NOT IN DIRECTORY | RECORD NUMBER 5291 |
97. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=811 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=3928, MF= 4, MT=811 | |
| | SECTION 4/811 NOT IN DIRECTORY | RECORD NUMBER 5440 |
98. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=812 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=3928, MF= 4, MT=812 | |
| | SECTION 4/812 NOT IN DIRECTORY | RECORD NUMBER 5589 |
99. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=813 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=3928, MF= 4, MT=813 | |
| | SECTION 4/813 NOT IN DIRECTORY | RECORD NUMBER 5738 |
100. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=814 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=3928, MF= 4, MT=814 | |
| | SECTION 4/814 NOT IN DIRECTORY | RECORD NUMBER 5887 |
101. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=815 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=3928, MF= 4, MT=815 | |
| | SECTION 4/815 NOT IN DIRECTORY | RECORD NUMBER 6036 |
102. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=816 (0): Directory (b)
- | | | |
|--|---|--------------------|
| | ERROR(S) FOUND IN MAT=3928, MF= 4, MT=816 | |
| | SECTION 4/816 NOT IN DIRECTORY | RECORD NUMBER 6185 |
103. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 4, MT=817 (0): Directory (b)

- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=3928, MF= 4, MT=817 | | |
| | SECTION 4/817 NOT IN DIRECTORY | RECORD NUMBER | 6334 |
104. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 6, MT= 16 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=3928, MF= 6, MT= 16 | | |
| | SECTION 6/ 16 NOT IN DIRECTORY | RECORD NUMBER | 6484 |
105. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 6, MT= 17 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=3928, MF= 6, MT= 17 | | |
| | SECTION 6/ 17 NOT IN DIRECTORY | RECORD NUMBER | 7377 |
106. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 6, MT= 22 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=3928, MF= 6, MT= 22 | | |
| | SECTION 6/ 22 NOT IN DIRECTORY | RECORD NUMBER | 7424 |
107. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 6, MT= 24 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=3928, MF= 6, MT= 24 | | |
| | SECTION 6/ 24 NOT IN DIRECTORY | RECORD NUMBER | 8208 |
108. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 6, MT= 28 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=3928, MF= 6, MT= 28 | | |
| | SECTION 6/ 28 NOT IN DIRECTORY | RECORD NUMBER | 8278 |
109. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 6, MT= 41 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=3928, MF= 6, MT= 41 | | |
| | SECTION 6/ 41 NOT IN DIRECTORY | RECORD NUMBER | 9188 |
110. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 6, MT= 91 (0): Directory (b)
- | | | | |
|--|---|---------------|------|
| | ERROR(S) FOUND IN MAT=3928, MF= 6, MT= 91 | | |
| | SECTION 6/ 91 NOT IN DIRECTORY | RECORD NUMBER | 9397 |
111. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 6, MT=102 (0): Directory (b)

- ERROR(S) FOUND IN MAT=3928, MF= 6, MT=102
SECTION 6/102 NOT IN DIRECTORY RECORD NUMBER 18282
112. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 6, MT=649 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF= 6, MT=649
SECTION 6/649 NOT IN DIRECTORY RECORD NUMBER 20350
113. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF= 6, MT=849 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF= 6, MT=849
SECTION 6/849 NOT IN DIRECTORY RECORD NUMBER 21524
114. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT= 51 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT= 51
SECTION 12/ 51 NOT IN DIRECTORY RECORD NUMBER 22619
115. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT= 52 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT= 52
SECTION 12/ 52 NOT IN DIRECTORY RECORD NUMBER 22623
116. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT= 53 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT= 53
SECTION 12/ 53 NOT IN DIRECTORY RECORD NUMBER 22627
117. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT= 54 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT= 54
SECTION 12/ 54 NOT IN DIRECTORY RECORD NUMBER 22631
118. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT= 55 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT= 55
SECTION 12/ 55 NOT IN DIRECTORY RECORD NUMBER 22635
119. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT= 56 (0): Directory (b)

- ERROR(S) FOUND IN MAT=3928, MF=12, MT= 56
SECTION 12/ 56 NOT IN DIRECTORY RECORD NUMBER 22639
120. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT= 57 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT= 57
SECTION 12/ 57 NOT IN DIRECTORY RECORD NUMBER 22643
121. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT= 58 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT= 58
SECTION 12/ 58 NOT IN DIRECTORY RECORD NUMBER 22647
122. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT= 59 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT= 59
SECTION 12/ 59 NOT IN DIRECTORY RECORD NUMBER 22651
123. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=601 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=601
SECTION 12/601 NOT IN DIRECTORY RECORD NUMBER 22655
124. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=602 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=602
SECTION 12/602 NOT IN DIRECTORY RECORD NUMBER 22659
125. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=603 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=603
SECTION 12/603 NOT IN DIRECTORY RECORD NUMBER 22663
126. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=604 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=604
SECTION 12/604 NOT IN DIRECTORY RECORD NUMBER 22667
127. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=605 (0): Directory (b)

- ERROR(S) FOUND IN MAT=3928, MF=12, MT=605
SECTION 12/605 NOT IN DIRECTORY RECORD NUMBER 22671
128. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=606 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=606
SECTION 12/606 NOT IN DIRECTORY RECORD NUMBER 22675
129. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=607 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=607
SECTION 12/607 NOT IN DIRECTORY RECORD NUMBER 22679
130. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=608 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=608
SECTION 12/608 NOT IN DIRECTORY RECORD NUMBER 22683
131. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=609 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=609
SECTION 12/609 NOT IN DIRECTORY RECORD NUMBER 22687
132. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=610 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=610
SECTION 12/610 NOT IN DIRECTORY RECORD NUMBER 22691
133. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=611 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=611
SECTION 12/611 NOT IN DIRECTORY RECORD NUMBER 22695
134. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=612 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=612
SECTION 12/612 NOT IN DIRECTORY RECORD NUMBER 22699
135. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=613 (0): Directory (b)

- ERROR(S) FOUND IN MAT=3928, MF=12, MT=613
SECTION 12/613 NOT IN DIRECTORY RECORD NUMBER 22703
136. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=614 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=614
SECTION 12/614 NOT IN DIRECTORY RECORD NUMBER 22707
137. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=615 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=615
SECTION 12/615 NOT IN DIRECTORY RECORD NUMBER 22711
138. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=616 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=616
SECTION 12/616 NOT IN DIRECTORY RECORD NUMBER 22715
139. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=801 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=801
SECTION 12/801 NOT IN DIRECTORY RECORD NUMBER 22719
140. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=802 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=802
SECTION 12/802 NOT IN DIRECTORY RECORD NUMBER 22723
141. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=803 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=803
SECTION 12/803 NOT IN DIRECTORY RECORD NUMBER 22727
142. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=804 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=804
SECTION 12/804 NOT IN DIRECTORY RECORD NUMBER 22731
143. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=805 (0): Directory (b)

- ERROR(S) FOUND IN MAT=3928, MF=12, MT=805
SECTION 12/805 NOT IN DIRECTORY RECORD NUMBER 22735
144. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=806 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=806
SECTION 12/806 NOT IN DIRECTORY RECORD NUMBER 22739
145. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=807 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=807
SECTION 12/807 NOT IN DIRECTORY RECORD NUMBER 22743
146. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=808 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=808
SECTION 12/808 NOT IN DIRECTORY RECORD NUMBER 22747
147. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=809 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=809
SECTION 12/809 NOT IN DIRECTORY RECORD NUMBER 22751
148. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=810 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=810
SECTION 12/810 NOT IN DIRECTORY RECORD NUMBER 22755
149. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=811 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=811
SECTION 12/811 NOT IN DIRECTORY RECORD NUMBER 22759
150. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=812 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=812
SECTION 12/812 NOT IN DIRECTORY RECORD NUMBER 22763
151. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=813 (0): Directory (b)

- ERROR(S) FOUND IN MAT=3928, MF=12, MT=813
SECTION 12/813 NOT IN DIRECTORY RECORD NUMBER 22767
152. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=814 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=814
SECTION 12/814 NOT IN DIRECTORY RECORD NUMBER 22771
153. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=815 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=815
SECTION 12/815 NOT IN DIRECTORY RECORD NUMBER 22775
154. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=816 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=816
SECTION 12/816 NOT IN DIRECTORY RECORD NUMBER 22779
155. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=12, MT=817 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=12, MT=817
SECTION 12/817 NOT IN DIRECTORY RECORD NUMBER 22783
156. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT= 51 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT= 51
SECTION 14/ 51 NOT IN DIRECTORY RECORD NUMBER 22788
157. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT= 52 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT= 52
SECTION 14/ 52 NOT IN DIRECTORY RECORD NUMBER 22790
158. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT= 53 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT= 53
SECTION 14/ 53 NOT IN DIRECTORY RECORD NUMBER 22792
159. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT= 54 (0): Directory (b)

- ERROR(S) FOUND IN MAT=3928, MF=14, MT= 54
SECTION 14/ 54 NOT IN DIRECTORY RECORD NUMBER 22794
160. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT= 55 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT= 55
SECTION 14/ 55 NOT IN DIRECTORY RECORD NUMBER 22796
161. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT= 56 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT= 56
SECTION 14/ 56 NOT IN DIRECTORY RECORD NUMBER 22798
162. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT= 57 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT= 57
SECTION 14/ 57 NOT IN DIRECTORY RECORD NUMBER 22800
163. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT= 58 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT= 58
SECTION 14/ 58 NOT IN DIRECTORY RECORD NUMBER 22802
164. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT= 59 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT= 59
SECTION 14/ 59 NOT IN DIRECTORY RECORD NUMBER 22804
165. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=601 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=601
SECTION 14/601 NOT IN DIRECTORY RECORD NUMBER 22806
166. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=602 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=602
SECTION 14/602 NOT IN DIRECTORY RECORD NUMBER 22808
167. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=603 (0): Directory (b)

- ERROR(S) FOUND IN MAT=3928, MF=14, MT=603
SECTION 14/603 NOT IN DIRECTORY RECORD NUMBER 22810
168. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=604 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=604
SECTION 14/604 NOT IN DIRECTORY RECORD NUMBER 22812
169. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=605 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=605
SECTION 14/605 NOT IN DIRECTORY RECORD NUMBER 22814
170. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=606 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=606
SECTION 14/606 NOT IN DIRECTORY RECORD NUMBER 22816
171. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=607 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=607
SECTION 14/607 NOT IN DIRECTORY RECORD NUMBER 22818
172. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=608 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=608
SECTION 14/608 NOT IN DIRECTORY RECORD NUMBER 22820
173. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=609 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=609
SECTION 14/609 NOT IN DIRECTORY RECORD NUMBER 22822
174. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=610 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=610
SECTION 14/610 NOT IN DIRECTORY RECORD NUMBER 22824
175. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=611 (0): Directory (b)

- ERROR(S) FOUND IN MAT=3928, MF=14, MT=611
SECTION 14/611 NOT IN DIRECTORY RECORD NUMBER 22826
176. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=612 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=612
SECTION 14/612 NOT IN DIRECTORY RECORD NUMBER 22828
177. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=613 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=613
SECTION 14/613 NOT IN DIRECTORY RECORD NUMBER 22830
178. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=614 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=614
SECTION 14/614 NOT IN DIRECTORY RECORD NUMBER 22832
179. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=615 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=615
SECTION 14/615 NOT IN DIRECTORY RECORD NUMBER 22834
180. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=616 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=616
SECTION 14/616 NOT IN DIRECTORY RECORD NUMBER 22836
181. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=801 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=801
SECTION 14/801 NOT IN DIRECTORY RECORD NUMBER 22838
182. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=802 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=802
SECTION 14/802 NOT IN DIRECTORY RECORD NUMBER 22840
183. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=803 (0): Directory (b)

- ERROR(S) FOUND IN MAT=3928, MF=14, MT=803
SECTION 14/803 NOT IN DIRECTORY RECORD NUMBER 22842
184. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=804 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=804
SECTION 14/804 NOT IN DIRECTORY RECORD NUMBER 22844
185. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=805 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=805
SECTION 14/805 NOT IN DIRECTORY RECORD NUMBER 22846
186. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=806 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=806
SECTION 14/806 NOT IN DIRECTORY RECORD NUMBER 22848
187. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=807 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=807
SECTION 14/807 NOT IN DIRECTORY RECORD NUMBER 22850
188. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=808 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=808
SECTION 14/808 NOT IN DIRECTORY RECORD NUMBER 22852
189. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=809 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=809
SECTION 14/809 NOT IN DIRECTORY RECORD NUMBER 22854
190. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=810 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=810
SECTION 14/810 NOT IN DIRECTORY RECORD NUMBER 22856
191. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=811 (0): Directory (b)

- ERROR(S) FOUND IN MAT=3928, MF=14, MT=811
SECTION 14/811 NOT IN DIRECTORY RECORD NUMBER 22858
192. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=812 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=812
SECTION 14/812 NOT IN DIRECTORY RECORD NUMBER 22860
193. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=813 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=813
SECTION 14/813 NOT IN DIRECTORY RECORD NUMBER 22862
194. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=814 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=814
SECTION 14/814 NOT IN DIRECTORY RECORD NUMBER 22864
195. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=815 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=815
SECTION 14/815 NOT IN DIRECTORY RECORD NUMBER 22866
196. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=816 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=816
SECTION 14/816 NOT IN DIRECTORY RECORD NUMBER 22868
197. Missing a section in directory so your directory is messed up. This error will break everything else
MAT=3928, MF=14, MT=817 (0): Directory (b)
- ERROR(S) FOUND IN MAT=3928, MF=14, MT=817
SECTION 14/817 NOT IN DIRECTORY RECORD NUMBER 22870

- **psyche** Warnings:

1. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 90. L = 0 / STRENGTH FUNCTION IS 1.03351E-04 / STRENGTH FUNCTION 1.03351E-04 / LIES OUTSIDE LIMITS 1.00000E-05 TO 1.00000E-04 (0): URR str. ftn.

```

FILE 2
SECTION 151
ISOTOPE MASS = 90. L = 0
STRENGTH FUNCTION IS 1.03351E-04
STRENGTH FUNCTION 1.03351E-04
... [1 more lines]

```

2. Strength function in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ISOTOPE MASS = 90. L = 1 / STRENGTH FUNCTION IS 4.90099E-02 / STRENGTH FUNCTION 4.90099E-02 / LIES OUTSIDE LIMITS 1.00000E-04 TO 8.00000E-04 (0): URR str. ftn.

```
FILE 2
SECTION 151
ISOTOPE MASS = 90. L = 1
STRENGTH FUNCTION IS 4.90099E-02
STRENGTH FUNCTION 4.90099E-02
... [1 more lines]
```

3. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 3.10000E-05 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 3.10000E-05 / DENSITY 1.81060E+03 SHOULD BE 1.33378E+03 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 3.10000E-05
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 3.10000E-05
DENSITY 1.81060E+03 SHOULD BE 1.33378E+03
```

4. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 3.10000E-05 / DENSITY 1.79259E+03 SHOULD BE 1.32052E+03 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 3.10000E-05
DENSITY 1.79259E+03 SHOULD BE 1.32052E+03
```

5. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 3.10000E-05 / DENSITY 1.77478E+03 SHOULD BE 1.30740E+03 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 3.10000E-05
DENSITY 1.77478E+03 SHOULD BE 1.30740E+03
```

6. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 3.10000E-05 / DENSITY 1.75715E+03 SHOULD BE 1.29441E+03 (0): URR dens. (a)

```
FILE 2
SECTION 151
ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 3.10000E-05
DENSITY 1.75715E+03 SHOULD BE 1.29441E+03
```

7. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 3.10000E-05 / DENSITY 1.73971E+03 SHOULD BE 1.28156E+03 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 3.10000E-05
DENSITY 1.73971E+03 SHOULD BE 1.28156E+03

8. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 3.10000E-05 / DENSITY 1.72245E+03 SHOULD BE 1.26885E+03 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 3.10000E-05
DENSITY 1.72245E+03 SHOULD BE 1.26885E+03

9. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 3.10000E-05 / DENSITY 1.70538E+03 SHOULD BE 1.25627E+03 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 3.10000E-05
DENSITY 1.70538E+03 SHOULD BE 1.25627E+03

10. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 3.10000E-05 / DENSITY 1.68848E+03 SHOULD BE 1.24382E+03 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 3.10000E-05
DENSITY 1.68848E+03 SHOULD BE 1.24382E+03

11. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+04. STRENGTH FUNCTION IS 3.10000E-05 / DENSITY 1.67176E+03 SHOULD BE 1.23150E+03 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 9.00000E+04. STRENGTH FUNCTION IS 3.10000E-05
DENSITY 1.67176E+03 SHOULD BE 1.23150E+03

12. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+05. STRENGTH FUNCTION IS 3.10000E-05 / DENSITY 1.65521E+03 SHOULD BE 1.21932E+03 (0): URR dens. (a)

FILE 2

SECTION 151

ENERGY = 1.00000E+05. STRENGTH FUNCTION IS 3.10000E-05
DENSITY 1.65521E+03 SHOULD BE 1.21932E+03

13. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+05. STRENGTH FUNCTION IS 3.10000E-05 / DENSITY 1.49900E+03 SHOULD BE 1.10424E+03 (0): URR dens. (a)

- FILE 2
SECTION 151
ENERGY = 2.00000E+05. STRENGTH FUNCTION IS 3.10000E-05
DENSITY 1.49900E+03 SHOULD BE 1.10424E+03
14. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.04780E+05. STRENGTH FUNCTION IS 3.10000E-05 / DENSITY 1.49194E+03 SHOULD BE 1.09904E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 2.04780E+05. STRENGTH FUNCTION IS 3.10000E-05
DENSITY 1.49194E+03 SHOULD BE 1.09904E+03
15. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 2.00067E+03 SHOULD BE 1.66546E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 2.00067E+03 SHOULD BE 1.66546E+03
16. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.98078E+03 SHOULD BE 1.64890E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.98078E+03 SHOULD BE 1.64890E+03
17. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.96109E+03 SHOULD BE 1.63251E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.96109E+03 SHOULD BE 1.63251E+03
18. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.94161E+03 SHOULD BE 1.61630E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.94161E+03 SHOULD BE 1.61630E+03
19. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.92234E+03 SHOULD BE 1.60025E+03 (0): URR dens. (a)

- FILE 2
SECTION 151
ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.92234E+03 SHOULD BE 1.60025E+03
20. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.90327E+03 SHOULD BE 1.58438E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.90327E+03 SHOULD BE 1.58438E+03
21. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.88440E+03 SHOULD BE 1.56867E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.88440E+03 SHOULD BE 1.56867E+03
22. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.86573E+03 SHOULD BE 1.55313E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.86573E+03 SHOULD BE 1.55313E+03
23. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.84726E+03 SHOULD BE 1.53775E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 9.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.84726E+03 SHOULD BE 1.53775E+03
24. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+05. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.82898E+03 SHOULD BE 1.52253E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.00000E+05. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.82898E+03 SHOULD BE 1.52253E+03
25. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+05. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.65637E+03 SHOULD BE 1.37884E+03 (0): URR dens. (a)

- FILE 2
SECTION 151
ENERGY = 2.00000E+05. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.65637E+03 SHOULD BE 1.37884E+03
26. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.04780E+05. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.64856E+03 SHOULD BE 1.37234E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 2.04780E+05. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.64856E+03 SHOULD BE 1.37234E+03
27. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.81060E+03 SHOULD BE 1.11031E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.81060E+03 SHOULD BE 1.11031E+03
28. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.79259E+03 SHOULD BE 1.09926E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.79259E+03 SHOULD BE 1.09926E+03
29. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.77478E+03 SHOULD BE 1.08834E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.77478E+03 SHOULD BE 1.08834E+03
30. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.75715E+03 SHOULD BE 1.07753E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.75715E+03 SHOULD BE 1.07753E+03
31. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.73971E+03 SHOULD BE 1.06684E+03 (0): URR dens. (a)

- FILE 2
SECTION 151
ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.73971E+03 SHOULD BE 1.06684E+03
32. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.72245E+03 SHOULD BE 1.05625E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.72245E+03 SHOULD BE 1.05625E+03
33. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.70538E+03 SHOULD BE 1.04578E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.70538E+03 SHOULD BE 1.04578E+03
34. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.68848E+03 SHOULD BE 1.03542E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.68848E+03 SHOULD BE 1.03542E+03
35. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.67176E+03 SHOULD BE 1.02517E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 9.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.67176E+03 SHOULD BE 1.02517E+03
36. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+05. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.65521E+03 SHOULD BE 1.01502E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.00000E+05. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.65521E+03 SHOULD BE 1.01502E+03
37. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+05. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.49900E+03 SHOULD BE 9.19228E+02 (0): URR dens. (a)

- FILE 2
SECTION 151
ENERGY = 2.00000E+05. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.49900E+03 SHOULD BE 9.19228E+02
38. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.04780E+05. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.49194E+03 SHOULD BE 9.14896E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 2.04780E+05. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.49194E+03 SHOULD BE 9.14896E+02
39. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 2.08312E+03 SHOULD BE 8.32729E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 2.08312E+03 SHOULD BE 8.32729E+02
40. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 2.06241E+03 SHOULD BE 8.24448E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 2.06241E+03 SHOULD BE 8.24448E+02
41. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 2.04191E+03 SHOULD BE 8.16255E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 2.04191E+03 SHOULD BE 8.16255E+02
42. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 2.02163E+03 SHOULD BE 8.08148E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 2.02163E+03 SHOULD BE 8.08148E+02
43. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 2.00157E+03 SHOULD BE 8.00127E+02 (0): URR dens. (a)

- FILE 2
SECTION 151
ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 2.00157E+03 SHOULD BE 8.00127E+02
44. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.98171E+03 SHOULD BE 7.92189E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.98171E+03 SHOULD BE 7.92189E+02
45. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.96206E+03 SHOULD BE 7.84335E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.96206E+03 SHOULD BE 7.84335E+02
46. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.94262E+03 SHOULD BE 7.76563E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.94262E+03 SHOULD BE 7.76563E+02
47. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+04. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.92339E+03 SHOULD BE 7.68874E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 9.00000E+04. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.92339E+03 SHOULD BE 7.68874E+02
48. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+05. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.90435E+03 SHOULD BE 7.61265E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.00000E+05. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.90435E+03 SHOULD BE 7.61265E+02
49. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+05. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.72463E+03 SHOULD BE 6.89421E+02 (0): URR dens. (a)

- FILE 2
SECTION 151
ENERGY = 2.00000E+05. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.72463E+03 SHOULD BE 6.89421E+02
50. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.04780E+05. STRENGTH FUNCTION IS 5.00000E-04 / DENSITY 1.71650E+03 SHOULD BE 6.86172E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 2.04780E+05. STRENGTH FUNCTION IS 5.00000E-04
DENSITY 1.71650E+03 SHOULD BE 6.86172E+02
51. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 2.00067E+03 SHOULD BE 1.66546E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 2.00067E+03 SHOULD BE 1.66546E+03
52. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.98078E+03 SHOULD BE 1.64890E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.98078E+03 SHOULD BE 1.64890E+03
53. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.96109E+03 SHOULD BE 1.63251E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.96109E+03 SHOULD BE 1.63251E+03
54. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.94161E+03 SHOULD BE 1.61630E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.94161E+03 SHOULD BE 1.61630E+03
55. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.92234E+03 SHOULD BE 1.60025E+03 (0): URR dens. (a)

- FILE 2
SECTION 151
ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.92234E+03 SHOULD BE 1.60025E+03
56. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.90327E+03 SHOULD BE 1.58438E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.90327E+03 SHOULD BE 1.58438E+03
57. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.88440E+03 SHOULD BE 1.56867E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.88440E+03 SHOULD BE 1.56867E+03
58. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.86573E+03 SHOULD BE 1.55313E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.86573E+03 SHOULD BE 1.55313E+03
59. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.84726E+03 SHOULD BE 1.53775E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 9.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.84726E+03 SHOULD BE 1.53775E+03
60. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+05. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.82898E+03 SHOULD BE 1.52253E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.00000E+05. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.82898E+03 SHOULD BE 1.52253E+03
61. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+05. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.65637E+03 SHOULD BE 1.37884E+03 (0): URR dens. (a)

- FILE 2
SECTION 151
ENERGY = 2.00000E+05. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.65637E+03 SHOULD BE 1.37884E+03
62. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.04780E+05. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.64856E+03 SHOULD BE 1.37234E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 2.04780E+05. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.64856E+03 SHOULD BE 1.37234E+03
63. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.81060E+03 SHOULD BE 1.11031E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.81060E+03 SHOULD BE 1.11031E+03
64. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.79259E+03 SHOULD BE 1.09926E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.79259E+03 SHOULD BE 1.09926E+03
65. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.77478E+03 SHOULD BE 1.08834E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.77478E+03 SHOULD BE 1.08834E+03
66. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.75715E+03 SHOULD BE 1.07753E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.75715E+03 SHOULD BE 1.07753E+03
67. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.73971E+03 SHOULD BE 1.06684E+03 (0): URR dens. (a)

- FILE 2
SECTION 151
ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.73971E+03 SHOULD BE 1.06684E+03
68. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.72245E+03 SHOULD BE 1.05625E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.72245E+03 SHOULD BE 1.05625E+03
69. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.70538E+03 SHOULD BE 1.04578E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.70538E+03 SHOULD BE 1.04578E+03
70. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.68848E+03 SHOULD BE 1.03542E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.68848E+03 SHOULD BE 1.03542E+03
71. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.67176E+03 SHOULD BE 1.02517E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 9.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.67176E+03 SHOULD BE 1.02517E+03
72. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+05. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.65521E+03 SHOULD BE 1.01502E+03 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.00000E+05. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.65521E+03 SHOULD BE 1.01502E+03
73. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+05. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.49900E+03 SHOULD BE 9.19228E+02 (0): URR dens. (a)

- FILE 2
SECTION 151
ENERGY = 2.00000E+05. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.49900E+03 SHOULD BE 9.19228E+02
74. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.04780E+05. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.49194E+03 SHOULD BE 9.14896E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 2.04780E+05. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.49194E+03 SHOULD BE 9.14896E+02
75. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 2.08312E+03 SHOULD BE 8.32729E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 2.08312E+03 SHOULD BE 8.32729E+02
76. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 2.06241E+03 SHOULD BE 8.24448E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 2.06241E+03 SHOULD BE 8.24448E+02
77. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 2.04191E+03 SHOULD BE 8.16255E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 2.04191E+03 SHOULD BE 8.16255E+02
78. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 2.02163E+03 SHOULD BE 8.08148E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 2.02163E+03 SHOULD BE 8.08148E+02
79. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 2.00157E+03 SHOULD BE 8.00127E+02 (0): URR dens. (a)

- FILE 2
SECTION 151
ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 2.00157E+03 SHOULD BE 8.00127E+02
80. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.98171E+03 SHOULD BE 7.92189E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.98171E+03 SHOULD BE 7.92189E+02
81. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.96206E+03 SHOULD BE 7.84336E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.96206E+03 SHOULD BE 7.84336E+02
82. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.94262E+03 SHOULD BE 7.76563E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.94262E+03 SHOULD BE 7.76563E+02
83. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.92339E+03 SHOULD BE 7.68874E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 9.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.92339E+03 SHOULD BE 7.68874E+02
84. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+05. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.90435E+03 SHOULD BE 7.61265E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.00000E+05. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.90435E+03 SHOULD BE 7.61265E+02
85. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+05. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.72463E+03 SHOULD BE 6.89421E+02 (0): URR dens. (a)

- FILE 2
SECTION 151
ENERGY = 2.00000E+05. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.72463E+03 SHOULD BE 6.89421E+02
86. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.04780E+05. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 1.71650E+03 SHOULD BE 6.86172E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 2.04780E+05. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 1.71650E+03 SHOULD BE 6.86172E+02
87. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 2.88890E+03 SHOULD BE 6.66183E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
ENERGY = 1.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 2.88890E+03 SHOULD BE 6.66183E+02
88. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 2.86017E+03 SHOULD BE 6.59559E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 2.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 2.86017E+03 SHOULD BE 6.59559E+02
89. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 2.83174E+03 SHOULD BE 6.53004E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 3.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 2.83174E+03 SHOULD BE 6.53004E+02
90. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 2.80362E+03 SHOULD BE 6.46518E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 4.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 2.80362E+03 SHOULD BE 6.46518E+02
91. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 2.77579E+03 SHOULD BE 6.40101E+02 (0): URR dens. (a)

- FILE 2
SECTION 151
ENERGY = 5.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 2.77579E+03 SHOULD BE 6.40101E+02
92. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 2.74825E+03 SHOULD BE 6.33751E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 6.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 2.74825E+03 SHOULD BE 6.33751E+02
93. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 2.72101E+03 SHOULD BE 6.27468E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 7.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 2.72101E+03 SHOULD BE 6.27468E+02
94. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 2.69405E+03 SHOULD BE 6.21251E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 8.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 2.69405E+03 SHOULD BE 6.21251E+02
95. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 9.00000E+04. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 2.66737E+03 SHOULD BE 6.15099E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 9.00000E+04. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 2.66737E+03 SHOULD BE 6.15099E+02
96. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 1.00000E+05. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 2.64097E+03 SHOULD BE 6.09012E+02 (0): URR dens. (a)
- FILE 2
SECTION 151
ENERGY = 1.00000E+05. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 2.64097E+03 SHOULD BE 6.09012E+02
97. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.00000E+05. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 2.39173E+03 SHOULD BE 5.51537E+02 (0): URR dens. (a)

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FILE 2
SECTION 151
ENERGY = 2.00000E+05. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 2.39173E+03 SHOULD BE 5.51537E+02

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98. Level density in URR not in agreement with PSYCHE's expectations
FILE 2 / SECTION 151 / ENERGY = 2.04780E+05. STRENGTH FUNCTION IS 1.50000E-04 / DENSITY 2.38046E+03 SHOULD BE 5.48938E+02 (0): URR dens. (a)

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FILE 2
SECTION 151
ENERGY = 2.04780E+05. STRENGTH FUNCTION IS 1.50000E-04
DENSITY 2.38046E+03 SHOULD BE 5.48938E+02

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• psyche Errors:

1. A probability distribution is negative. This is bad.
FILE 4 / SECTION 53 / DISTRIBUTION IS NEGATIVE / FROM -9.9760E-01 TO -1.0000E+00 NEGATIVE PROBABILITY IS 8.5592E-05 (0): Neg. prob.

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FILE 4
SECTION 53
DISTRIBUTION IS NEGATIVE
FROM -9.9760E-01 TO -1.0000E+00 NEGATIVE PROBABILITY IS 8.5592E-05

```

2. A probability distribution is negative. This is bad.
FILE 4 / SECTION 53 / DISTRIBUTION IS NEGATIVE / FROM -9.9654E-01 TO -1.0000E+00 NEGATIVE PROBABILITY IS 2.5630E-04 (0): Neg. prob.

```

FILE 4
SECTION 53
DISTRIBUTION IS NEGATIVE
FROM -9.9654E-01 TO -1.0000E+00 NEGATIVE PROBABILITY IS 2.5630E-04

```

3. A probability distribution is negative. This is bad.
FILE 4 / SECTION 53 / DISTRIBUTION IS NEGATIVE / FROM -9.9532E-01 TO -1.0000E+00 NEGATIVE PROBABILITY IS 5.4359E-04 (0): Neg. prob.

```

FILE 4
SECTION 53
DISTRIBUTION IS NEGATIVE
FROM -9.9532E-01 TO -1.0000E+00 NEGATIVE PROBABILITY IS 5.4359E-04

```

4. A probability distribution is negative. This is bad.
FILE 6 / SECTION 16 / DISTRIBUTION IS NEGATIVE SEQUENCE NUMBER 334 / FROM 1.0000E+00 TO 9.9998E-01 NEGATIVE PROBABILITY IS 3.3283E-07 (0): Neg. prob.

```

FILE 6
SECTION 16
DISTRIBUTION IS NEGATIVE SEQUENCE NUMBER 334
FROM 1.0000E+00 TO 9.9998E-01 NEGATIVE PROBABILITY IS 3.3283E-07

```

5. A probability distribution is negative. This is bad.
FILE 6 / SECTION 16 / DISTRIBUTION IS NEGATIVE SEQUENCE NUMBER 430 / FROM 1.0000E+00 TO 9.9992E-01 NEGATIVE PROBABILITY IS 3.1060E-06 (0): Neg. prob.

FILE 6
SECTION 16
DISTRIBUTION IS NEGATIVE SEQUENCE NUMBER 430
FROM 1.0000E+00 TO 9.9992E-01 NEGATIVE PROBABILITY IS 3.1060E-06

6. A probability distribution is negative. This is bad.
FILE 6 / SECTION 16 / DISTRIBUTION IS NEGATIVE SEQUENCE NUMBER 460 / FROM -9.9897E-01 TO -1.0000E+00 NEGATIVE PROBABILITY IS 1.1802E-05 (0): Neg. prob.

FILE 6
SECTION 16
DISTRIBUTION IS NEGATIVE SEQUENCE NUMBER 460
FROM -9.9897E-01 TO -1.0000E+00 NEGATIVE PROBABILITY IS 1.1802E-05

7. A probability distribution is negative. This is bad.
FILE 6 / SECTION 16 / DISTRIBUTION IS NEGATIVE SEQUENCE NUMBER 470 / FROM 1.0000E+00 TO 9.9987E-01 NEGATIVE PROBABILITY IS 1.1355E-05 (0): Neg. prob.

FILE 6
SECTION 16
DISTRIBUTION IS NEGATIVE SEQUENCE NUMBER 470
FROM 1.0000E+00 TO 9.9987E-01 NEGATIVE PROBABILITY IS 1.1355E-05

8. A probability distribution is negative. This is bad.
FILE 6 / SECTION 16 / DISTRIBUTION IS NEGATIVE SEQUENCE NUMBER 550 / FROM -9.9219E-01 TO -1.0000E+00 NEGATIVE PROBABILITY IS -8.9416E-04 (0): Neg. prob.

FILE 6
SECTION 16
DISTRIBUTION IS NEGATIVE SEQUENCE NUMBER 550
FROM -9.9219E-01 TO -1.0000E+00 NEGATIVE PROBABILITY IS -8.9416E-04

9. A probability distribution is negative. This is bad.
FILE 6 / SECTION 16 / DISTRIBUTION IS NEGATIVE SEQUENCE NUMBER 550 / FROM -1.0000E+00 TO -1.0000E+00 NEGATIVE PROBABILITY IS -0.0000E+00 (0): Neg. prob.

FILE 6
SECTION 16
DISTRIBUTION IS NEGATIVE SEQUENCE NUMBER 550
FROM -1.0000E+00 TO -1.0000E+00 NEGATIVE PROBABILITY IS -0.0000E+00
FROM -1.0000E+00 TO -1.0000E+00 NEGATIVE PROBABILITY IS -0.0000E+00

10. A probability distribution is negative. This is bad.
FILE 6 / SECTION 16 / DISTRIBUTION IS NEGATIVE SEQUENCE NUMBER 570 / FROM -9.9219E-01 TO -1.0000E+00 NEGATIVE PROBABILITY IS -1.0174E-03 (0): Neg. prob.

FILE 6
SECTION 16
DISTRIBUTION IS NEGATIVE SEQUENCE NUMBER 570
FROM -9.9219E-01 TO -1.0000E+00 NEGATIVE PROBABILITY IS -1.0174E-03

11. A probability distribution is negative. This is bad.
FILE 6 / SECTION 16 / DISTRIBUTION IS NEGATIVE SEQUENCE NUMBER 570
/ FROM -1.0000E+00 TO -1.0000E+00 NEGATIVE PROBABILITY IS -0.0000E+00
(0): Neg. prob.

```
FILE 6
SECTION 16
DISTRIBUTION IS NEGATIVE                      SEQUENCE NUMBER 570
FROM -1.0000E+00 TO -1.0000E+00 NEGATIVE PROBABILITY IS -0.0000E+00
FROM -1.0000E+00 TO -1.0000E+00 NEGATIVE PROBABILITY IS -0.0000E+00
```

12. A probability distribution is negative. This is bad.
FILE 6 / SECTION 16 / DISTRIBUTION IS NEGATIVE SEQUENCE NUMBER
494 / FROM -9.9968E-01 TO -1.0000E+00 NEGATIVE PROBABILITY IS 2.2650E-
06 (0): Neg. prob.

```
FILE 6
SECTION 16
DISTRIBUTION IS NEGATIVE                      SEQUENCE NUMBER 494
FROM -9.9968E-01 TO -1.0000E+00 NEGATIVE PROBABILITY IS 2.2650E-06
```

13. A probability distribution is negative. This is bad.
FILE 6 / SECTION 16 / DISTRIBUTION IS NEGATIVE SEQUENCE NUMBER 465
/ FROM -9.9994E-01 TO -1.0000E+00 NEGATIVE PROBABILITY IS -0.0000E+00
(0): Neg. prob.

```
FILE 6
SECTION 16
DISTRIBUTION IS NEGATIVE                      SEQUENCE NUMBER 465
FROM -9.9994E-01 TO -1.0000E+00 NEGATIVE PROBABILITY IS -0.0000E+00
```

14. A probability distribution is negative. This is bad.
FILE 6 / SECTION 16 / DISTRIBUTION IS NEGATIVE SEQUENCE NUMBER
480 / FROM -9.9990E-01 TO -1.0000E+00 NEGATIVE PROBABILITY IS 1.7881E-
07 (0): Neg. prob.

```
FILE 6
SECTION 16
DISTRIBUTION IS NEGATIVE                      SEQUENCE NUMBER 480
FROM -9.9990E-01 TO -1.0000E+00 NEGATIVE PROBABILITY IS 1.7881E-07
```

15. A probability distribution is negative. This is bad.
FILE 6 / SECTION 16 / DISTRIBUTION IS NEGATIVE SEQUENCE NUMBER 487
(0): Neg. prob.

```
FILE 6
SECTION 16
DISTRIBUTION IS NEGATIVE                      SEQUENCE NUMBER 487
ENERGY BALANCE SUMMARY: Q = 0.00000E+00      ENERGY BALANCE SUMMARY: Q = 0.00000E+00
ENERGY BALANCE SUMMARY: Q = 7.92900E+06      ENERGY BALANCE SUMMARY: Q = 7.92900E+06
... [2 more lines]
```

16. A probability distribution is negative. This is bad.
FILE 6 / SECTION 16 / DISTRIBUTION IS NEGATIVE SEQUENCE NUMBER 487
/ ENERGY BALANCE SUMMARY: Q = 3.75300E+06 (0): Neg. prob.

```

FILE 6
SECTION 16
DISTRIBUTION IS NEGATIVE
ENERGY BALANCE SUMMARY: Q = 3.75300E+06
SEQUENCE NUMBER 487

```

- recent Warnings:

1. Statistical weight of certain L values were incorrect
0: RRR goof (a)

```

Calculate Cross Sections from Resonance Parameters (RECENT 2015-1)
=====
Retrieval Criteria----- MAT
File 2 Minimum Cross Section- 1.0000E-10 (Standard Option)
Reactions with No Background- Output (Resonance Contribution)
... [492 more lines]

```

- fudge-4.0 Warnings:

1. Missing a channel with a particular angular momenta combination
resonances / resolved (Error # 1): missingResonanceChannel

```

WARNING: Missing a channel with angular momenta combination L = 0, J = 0.5 and S = 0.5 for "capture"
WARNING: Missing a channel with angular momenta combination L = 1, J = 0.5 and S = 0.5 for "capture"
WARNING: Missing a channel with angular momenta combination L = 1, J = 1.5 and S = 0.5 for "capture"
WARNING: Missing a channel with angular momenta combination L = 1, J = 1.5 and S = 1.5 for "capture"
... plus 1 more instances of this message

```

2. Cross section does not match sum of linked reaction cross sections
crossSectionSum label 0: total (Error # 0): CS Sum.

```

WARNING: Cross section does not match sum of linked reaction cross sections! Max diff: 54.76%

```

- fudge-4.0 Errors:

1. The spin statistical weights are off, indicating missing channels
resonances / resolved / MultiLevel_BreitWigner (Error # 0): badSpinStatisticalWeights

```

WARNING: The spin statistical weights for L=1 sums to 2.0, but should sum to 3.0. You have too few channels for re

```

2. Found a negative probability
reaction label 3: n + Y90.e3 / Product: n / Distribution: / angularTwoBody - XYs2d:
(Error # 0): Negative prob.

```

WARNING: Negative probabilities encountered. Incident energy: 1.5e7 eV, worst case: -0.07326842
WARNING: Negative probabilities encountered. Incident energy: 1.7e7 eV, worst case: -0.1546604585
WARNING: Negative probabilities encountered. Incident energy: 1.8e7 eV, worst case: -0.247064635

```

3. Found a negative probability
reaction label 10: n + (Y90.c -> Y90 + gamma) / Product: n / Distribution: / ener-
gyAngular - XYs3d: (Error # 0): Negative prob.

```

WARNING: Negative probabilities encountered. Incident energy: 9.e6 eV, worst case: -2.35018716675e-09
WARNING: Negative probabilities encountered. Incident energy: 1.1e7 eV, worst case: -6.5883148965e-09
WARNING: Negative probabilities encountered. Incident energy: 1.2e7 eV, worst case: -1.88218156905e-08
WARNING: Negative probabilities encountered. Incident energy: 1.4e7 eV, worst case: -7.53139327419e-08
... plus 4 more instances of this message

```

4. Calculated and tabulated Q values disagree.
reaction label 12: n[multiplicity:'3'] + Y88 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -18321524.6061554 eV vs -1.8333e7 eV!
5. Calculated and tabulated Q values disagree.
reaction label 14: H1 + Sr90 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 219057.0792694092 eV vs 2.36e5 eV!
6. Calculated and tabulated Q values disagree.
reaction label 15: H1 + Sr90_e1 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -612622.9207305908 eV vs -595680. eV!
7. Calculated and tabulated Q values disagree.
reaction label 16: H1 + Sr90_e2 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -1436852.920730591 eV vs -1419910. eV!
8. Calculated and tabulated Q values disagree.
reaction label 17: H1 + Sr90_e3 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -1673302.920730591 eV vs -1656360. eV!
9. Calculated and tabulated Q values disagree.
reaction label 18: H1 + Sr90_e4 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -1987962.920730591 eV vs -1971020. eV!
10. Calculated and tabulated Q values disagree.
reaction label 19: H1 + Sr90_e5 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -2278262.920730591 eV vs -2261320. eV!
11. Calculated and tabulated Q values disagree.
reaction label 20: H1 + Sr90_e6 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -2308862.920730591 eV vs -2291920. eV!
12. Calculated and tabulated Q values disagree.
reaction label 21: H1 + Sr90_e7 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -2351542.920730591 eV vs -2.3346e6 eV!
13. Calculated and tabulated Q values disagree.
reaction label 22: H1 + Sr90_e8 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -2366942.920730591 eV vs -2.35e6 eV!
14. Calculated and tabulated Q values disagree.
reaction label 23: H1 + Sr90_e9 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -2454942.920730591 eV vs -2.438e6 eV!

15. Calculated and tabulated Q values disagree.
reaction label 24: H1 + Sr90_e10 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -2708642.920730591 eV vs -2.6917e6 eV!
16. Calculated and tabulated Q values disagree.
reaction label 25: H1 + Sr90_e11 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -2752062.920730591 eV vs -2735120. eV!
17. Calculated and tabulated Q values disagree.
reaction label 26: H1 + Sr90_e12 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -2813812.920730591 eV vs -2796870. eV!
18. Calculated and tabulated Q values disagree.
reaction label 27: H1 + Sr90_e13 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -2818942.920730591 eV vs -2.802e6 eV!
19. Calculated and tabulated Q values disagree.
reaction label 28: H1 + Sr90_e14 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -2820202.920730591 eV vs -2803260. eV!
20. Calculated and tabulated Q values disagree.
reaction label 29: H1 + Sr90_e15 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -2925842.920730591 eV vs -2.9089e6 eV!
21. Calculated and tabulated Q values disagree.
reaction label 30: H1 + Sr90_e16 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -2926942.920730591 eV vs -2.91e6 eV!
22. Calculated and tabulated Q values disagree.
reaction label 31: H1 + (Sr90_c -> Sr90 + gamma) (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -2926942.920730591 eV vs -2.91e6 eV!
23. Calculated and tabulated Q values disagree.
reaction label 32: He4 + Rb87 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 3741673.420837402 eV vs 3.753e6 eV!
24. Calculated and tabulated Q values disagree.
reaction label 33: He4 + Rb87_e1 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 3339083.420837402 eV vs 3350410. eV!
25. Calculated and tabulated Q values disagree.
reaction label 34: He4 + Rb87_e2 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 2896233.420837402 eV vs 2907560. eV!

26. Calculated and tabulated Q values disagree.
reaction label 35: He4 + Rb87-e3 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 2392293.420837402 eV vs 2403620. eV!
27. Calculated and tabulated Q values disagree.
reaction label 36: He4 + Rb87-e4 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 2351853.420837402 eV vs 2363180. eV!
28. Calculated and tabulated Q values disagree.
reaction label 37: He4 + Rb87-e5 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 2278673.420837402 eV vs 2.29e6 eV!
29. Calculated and tabulated Q values disagree.
reaction label 38: He4 + Rb87-e6 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 2163663.420837402 eV vs 2174990. eV!
30. Calculated and tabulated Q values disagree.
reaction label 39: He4 + Rb87-e7 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 2163573.420837402 eV vs 2.1749e6 eV!
31. Calculated and tabulated Q values disagree.
reaction label 40: He4 + Rb87-e8 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 2001093.420837402 eV vs 2012420. eV!
32. Calculated and tabulated Q values disagree.
reaction label 41: He4 + Rb87-e9 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 1848673.420837402 eV vs 1.86e6 eV!
33. Calculated and tabulated Q values disagree.
reaction label 42: He4 + Rb87-e10 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 1791673.420837402 eV vs 1.803e6 eV!
34. Calculated and tabulated Q values disagree.
reaction label 43: He4 + Rb87-e11 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 1728673.420837402 eV vs 1.74e6 eV!
35. Calculated and tabulated Q values disagree.
reaction label 44: He4 + Rb87-e12 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 1457673.420837402 eV vs 1.469e6 eV!
36. Calculated and tabulated Q values disagree.
reaction label 45: He4 + Rb87-e13 (Error # 0): Q mismatch
- WARNING: Calculated and tabulated Q-values disagree: 1363263.420837402 eV vs 1374590. eV!

37. Calculated and tabulated Q values disagree.
reaction label 46: He4 + Rb87-e14 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 1362673.420837402 eV vs 1.374e6 eV!

38. Calculated and tabulated Q values disagree.
reaction label 47: He4 + Rb87-e15 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 1344673.420837402 eV vs 1.356e6 eV!

39. Calculated and tabulated Q values disagree.
reaction label 48: He4 + Rb87-e16 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 1327213.420837402 eV vs 1338540. eV!

40. Calculated and tabulated Q values disagree.
reaction label 49: He4 + Rb87-e17 (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 1326673.420837402 eV vs 1.338e6 eV!

41. Calculated and tabulated Q values disagree.
reaction label 50: He4 + (Rb87-c -> Rb87 + gamma) (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: 1326673.420837402 eV vs 1.338e6 eV!

42. Calculated and tabulated Q values disagree.
reaction label 52: n + He4 + Rb86 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -6123762.905548096 eV vs -6.166e6 eV!

43. Calculated and tabulated Q values disagree.
reaction label 53: n[multiplicity:'2'] + He4 + Rb85 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -14767764.25819397 eV vs -1.4816e7 eV!

44. Calculated and tabulated Q values disagree.
reaction label 54: n[multiplicity:'2'] + H1 + Sr88 + gamma (Error # 0): Q mismatch

WARNING: Calculated and tabulated Q-values disagree: -13874423.38700867 eV vs -1.3928e7 eV!

- njoy2012 Warnings:

1. Recoil is not given, so one-particle recoil approximation used.
heatr...prompt kerma (0): HEATR/hinit (4)

---message from hinit---mf6, mt102 does not give recoil za= 39091
 photon momentum recoil used.

- njoy2012 Errors:

1. An angular distribution is negative
acer...monte carlo neutron and photon data (0): Neg. P(Ejμ) (b)

---message from ptleg2---negative probs found
 3 for mt= 53 e= 1.500E+07

2. An angular distribution is negative
acer...monte carlo neutron and photon data (1): Neg. $P(Ej\mu)$ (b)

```

---message from ptleg2---negative probs found
      4 for mt= 53 e= 1.700E+07

```
3. An angular distribution is negative
acer...monte carlo neutron and photon data (2): Neg. $P(Ej\mu)$ (b)

```

---message from ptleg2---negative probs found
      5 for mt= 53 e= 1.800E+07

```
4. An angular distribution is negative
acer...monte carlo neutron and photon data (3): Neg. $P(Ej\mu)$ (b)

```

---message from ptleg2---negative probs found
      1 for mt= 91 e= 6.608E+00

```
5. An angular distribution is negative
acer...monte carlo neutron and photon data (4): Neg. $P(Ej\mu)$ (b)

```

---message from ptleg2---negative probs found
      1 for mt= 91 e= 8.330E+00

```
6. An angular distribution is negative
acer...monte carlo neutron and photon data (5): Neg. $P(Ej\mu)$ (b)

```

---message from ptleg2---negative probs found
      2 for mt= 91 e= 9.177E+00

```
7. An angular distribution is negative
acer...monte carlo neutron and photon data (6): Neg. $P(Ej\mu)$ (b)

```

---message from ptleg2---negative probs found
      1 for mt= 91 e= 9.353E+00

```
8. An angular distribution is negative
acer...monte carlo neutron and photon data (7): Neg. $P(Ej\mu)$ (b)

```

---message from ptleg2---negative probs found
      4 for mt= 91 e= 1.138E+01

```
9. An angular distribution is negative
acer...monte carlo neutron and photon data (8): Neg. $P(Ej\mu)$ (b)

```

---message from ptleg2---negative probs found
      3 for mt= 91 e= 1.237E+01

```
10. An angular distribution is negative
acer...monte carlo neutron and photon data (9): Neg. $P(Ej\mu)$ (b)

```

---message from ptleg2---negative probs found
      1 for mt= 91 e= 1.423E+01

```
11. An angular distribution is negative
acer...monte carlo neutron and photon data (10): Neg. $P(Ej\mu)$ (b)

---message from ptleg2---negative probs found
1 for mt= 91 e= 1.621E+01

12. An angular distribution is negative
acer...monte carlo neutron and photon data (11): Neg. $P(Ej\mu)$ (b)

---message from ptleg2---negative probs found
1 for mt= 91 e= 1.763E+01

13. An angular distribution is negative
acer...monte carlo neutron and photon data (12): Neg. $P(Ej\mu)$ (b)

---message from ptleg2---negative probs found
3 for mt= 91 e= 1.788E+01